

FIG. 1

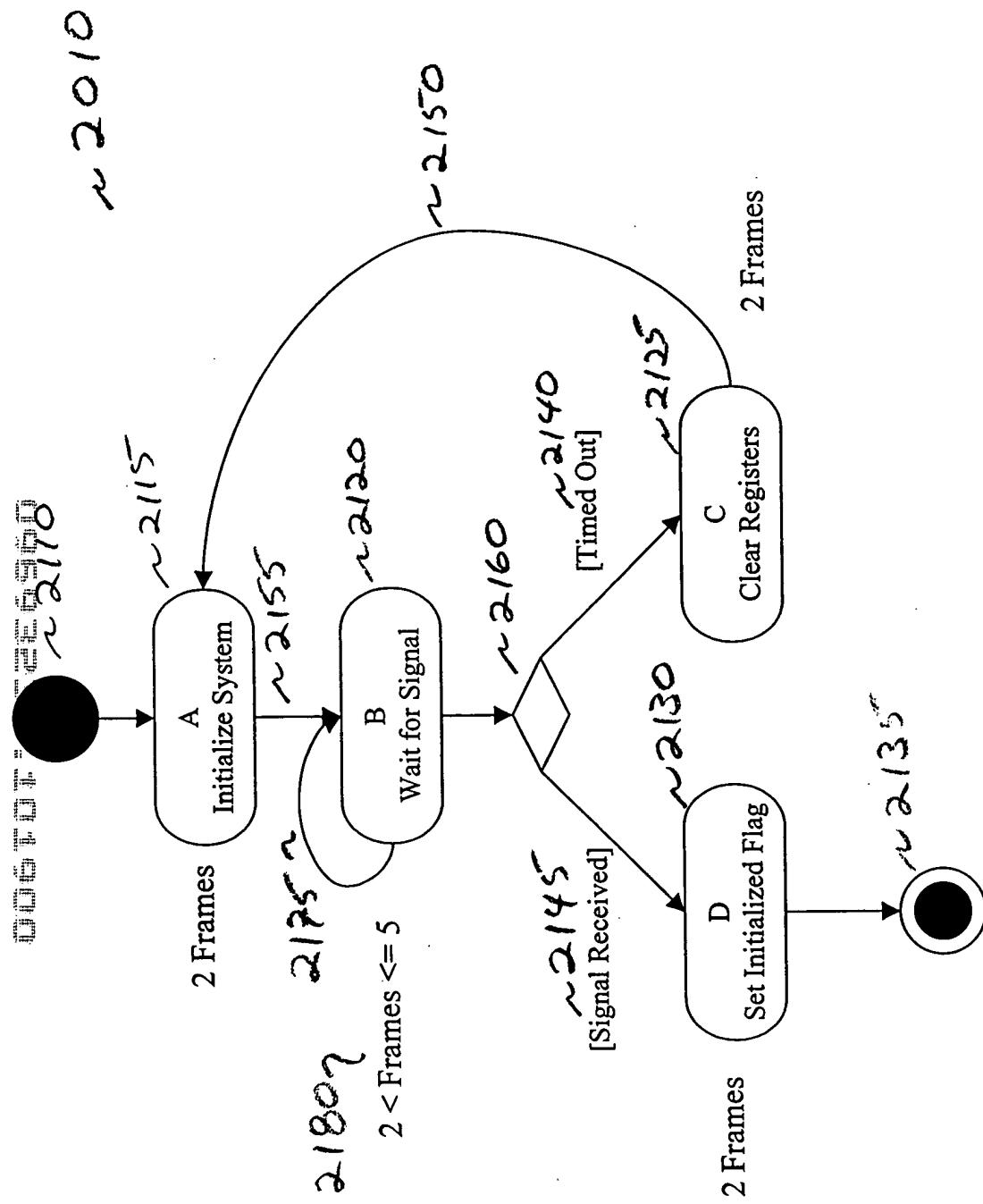


FIG. 2

### Expected Patterns

System Fails To Initialize

AABBBBBCCAABBBBBCCAABBBBBCCAABBBBBCC...  $\sim 2/65$

System Initialized

AABBDHHH...  $\sim 2/70$

FIG. 3

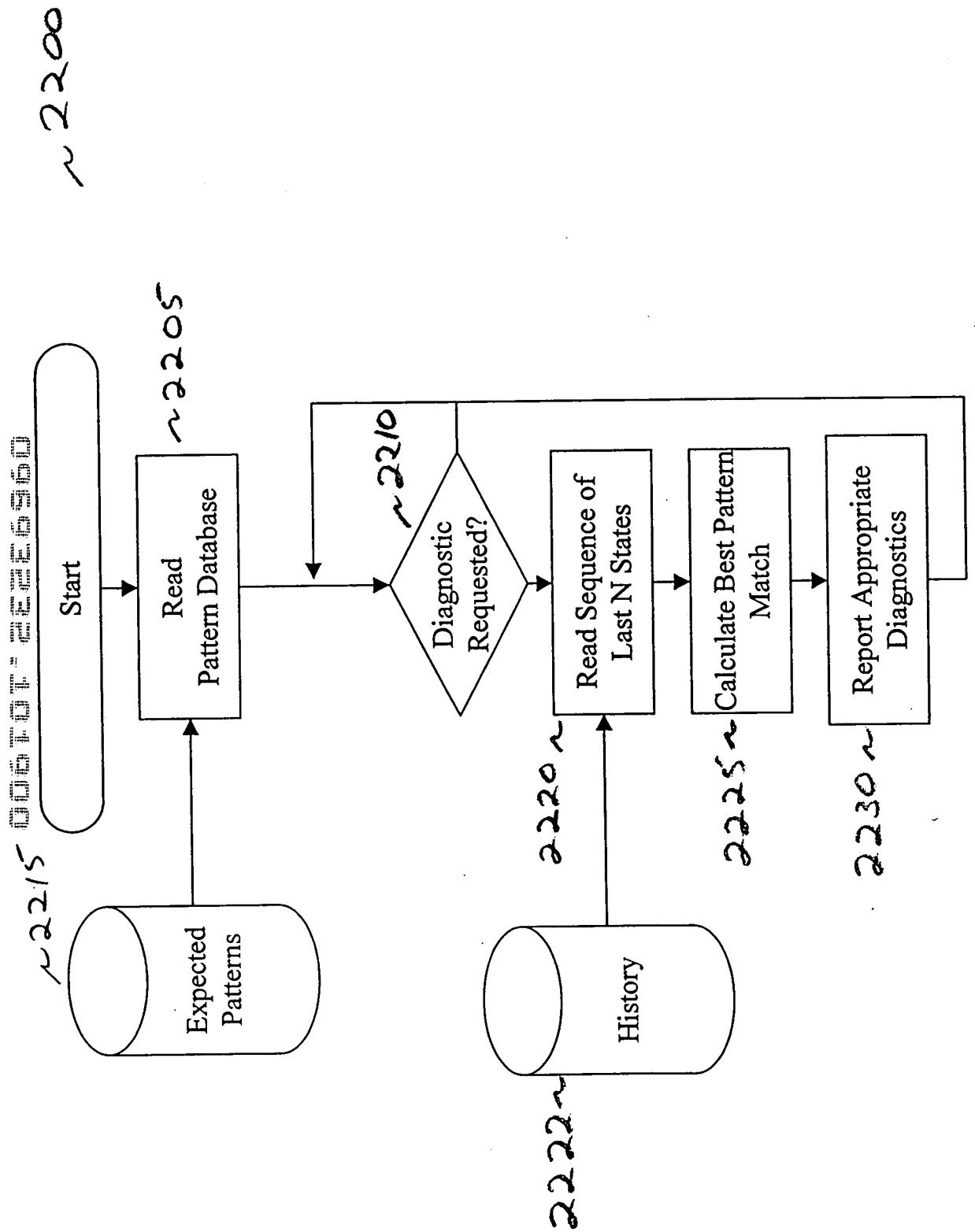


FIG. 4

Report Appropriate  
Diagnostics ~ 2230

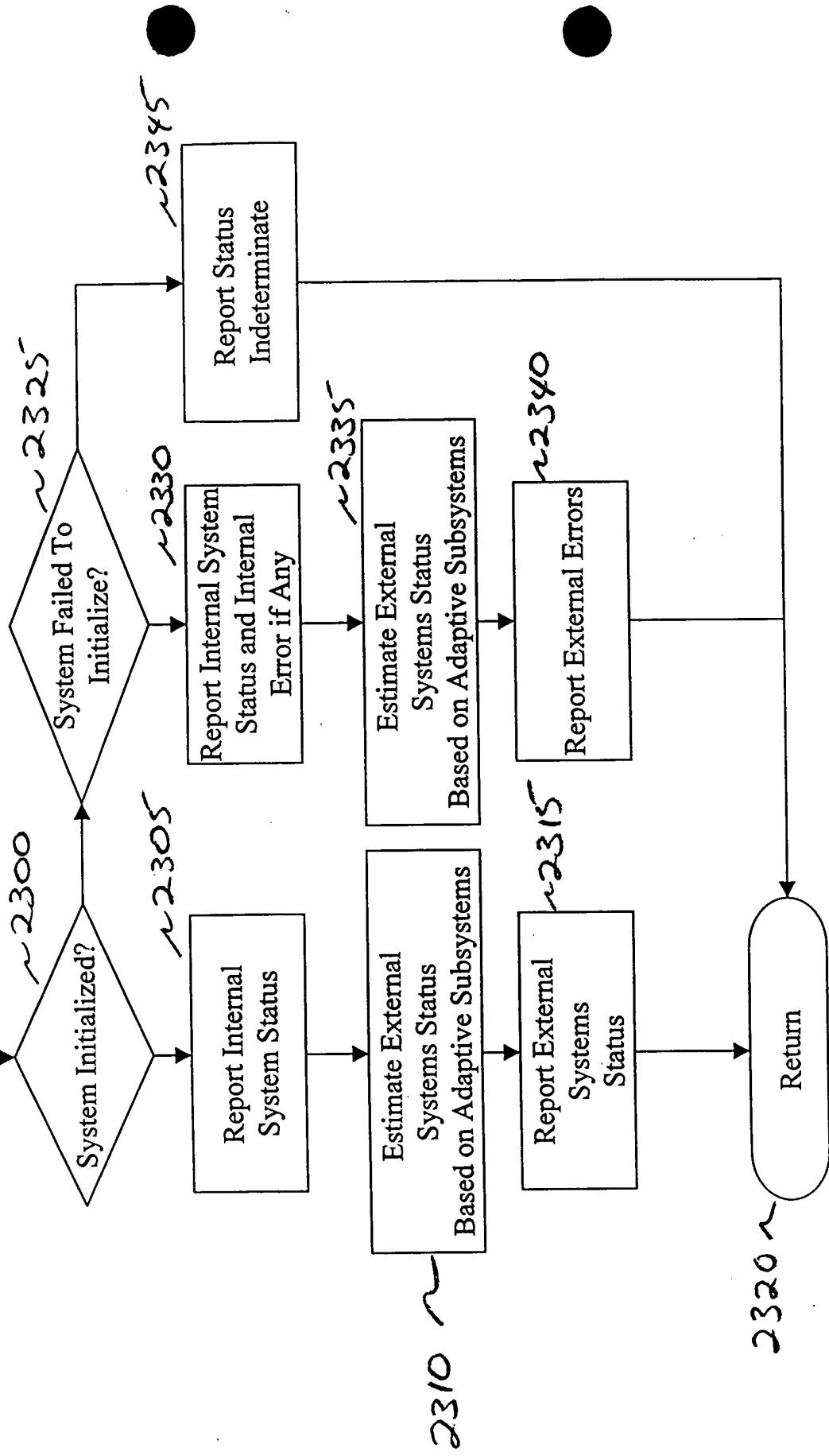


FIG. 5

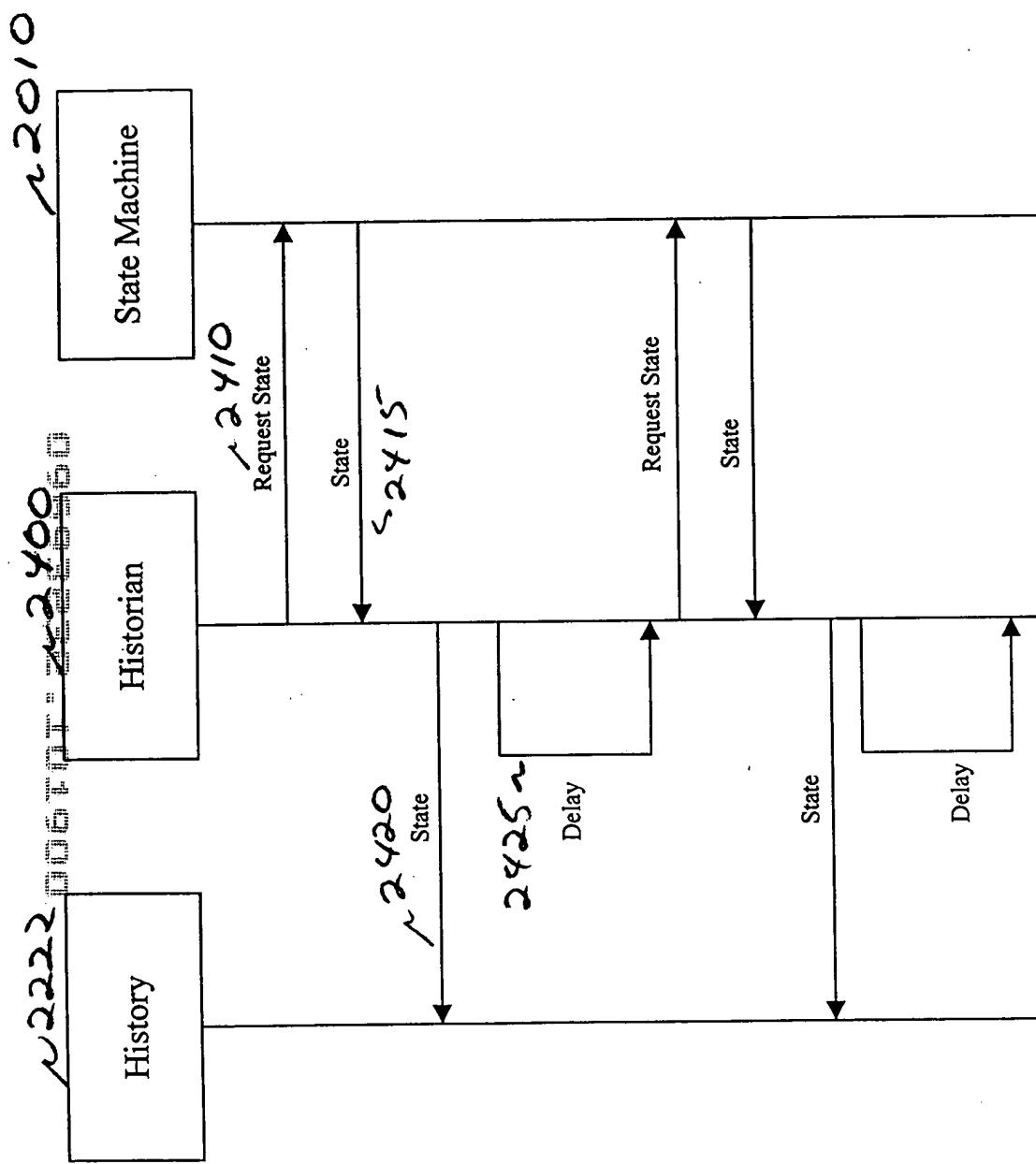


FIG. 6

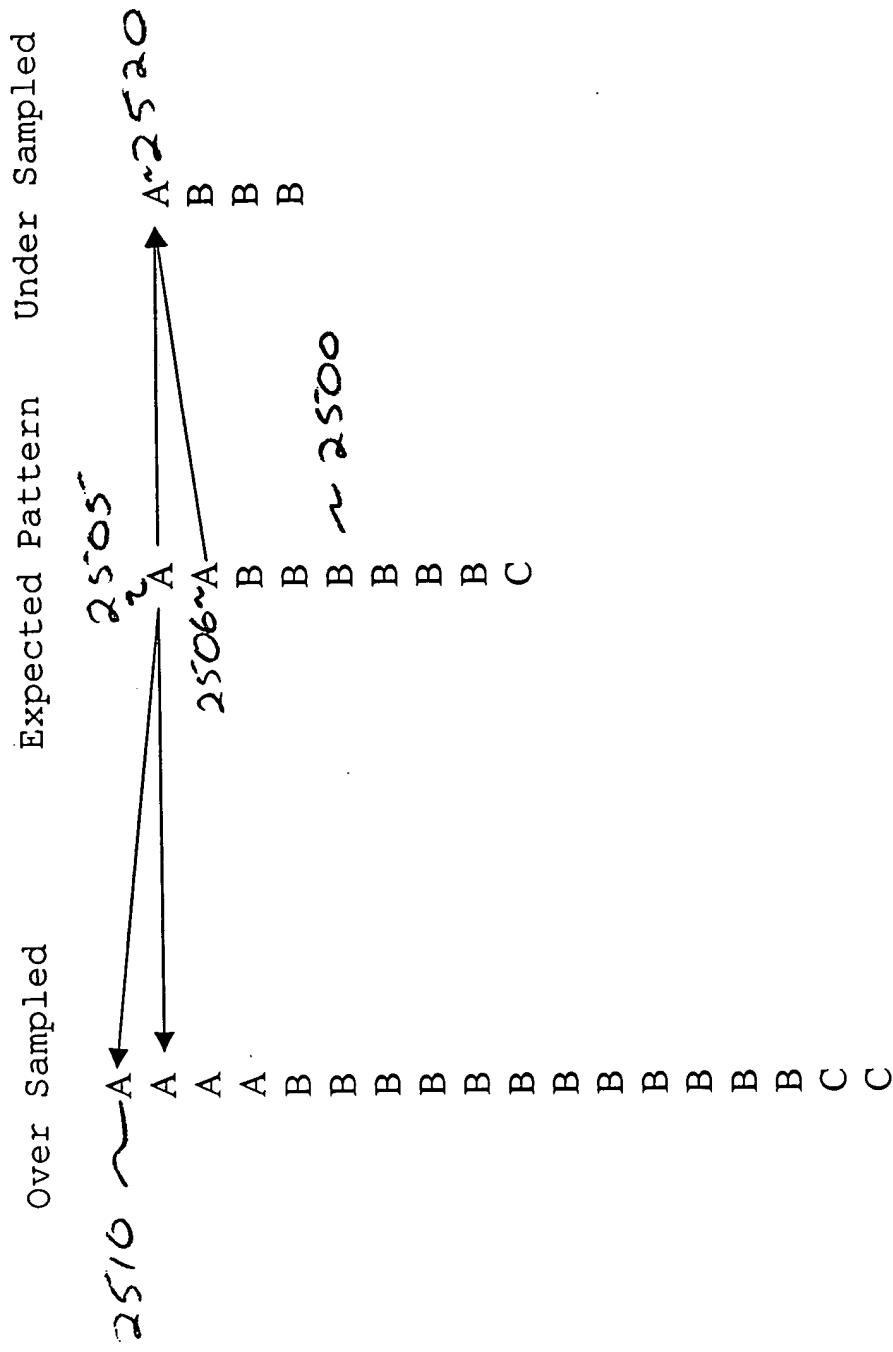


FIG. 7

State Machine Sequence  
AABBBBBDDHH  $\sim 26000$

### Approximate String Matching

System Initialized

AABBBBDDHH  $\sim 2610$   
010001010  $\sim 2620$   
AABBBBBDDH  $\sim 2600$   
Distance = 3  $\sim 2625$

System Not Initialized

AABBBBBBBC  $\sim 2615$   
010000111  $\sim 2630$   
AABBBBBDDH  $\sim 2600$   
Distance = 4  $\sim 2635$

FIG. 8

AABBBBBDDHH  $\sim 2610$   
AABBBBBDDHH  $\sim 2700$   
 $\sim 2760$

0	1	2	3	4	5	6	7	8	9
A	1	0	1	3	4	5	6	7	8
B	2	1	1	2	2	2	6	7	8
B	3	3	2	1	2	3	7	8	9
B	4	4	3	2	1	2	3	4	8
B	5	5	5	3	2	1	3	4	9
B	6	6	6	5	3	2	2	4	5
D	7	7	7	7	6	4	2	2	5
D	8	8	8	8	7	4	2	3	6
H	9	9	9	9	9	8	5	3	3

$\sim 2720$

FIG. 9

2740

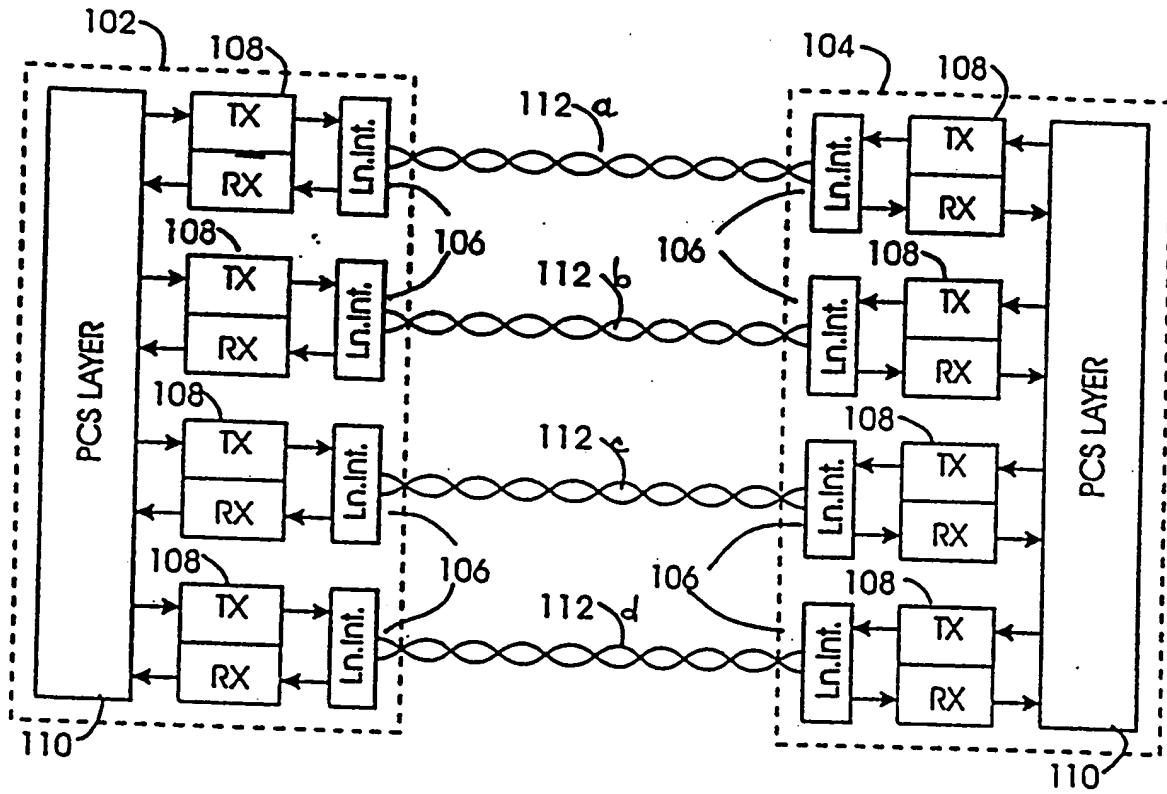


FIG. 10

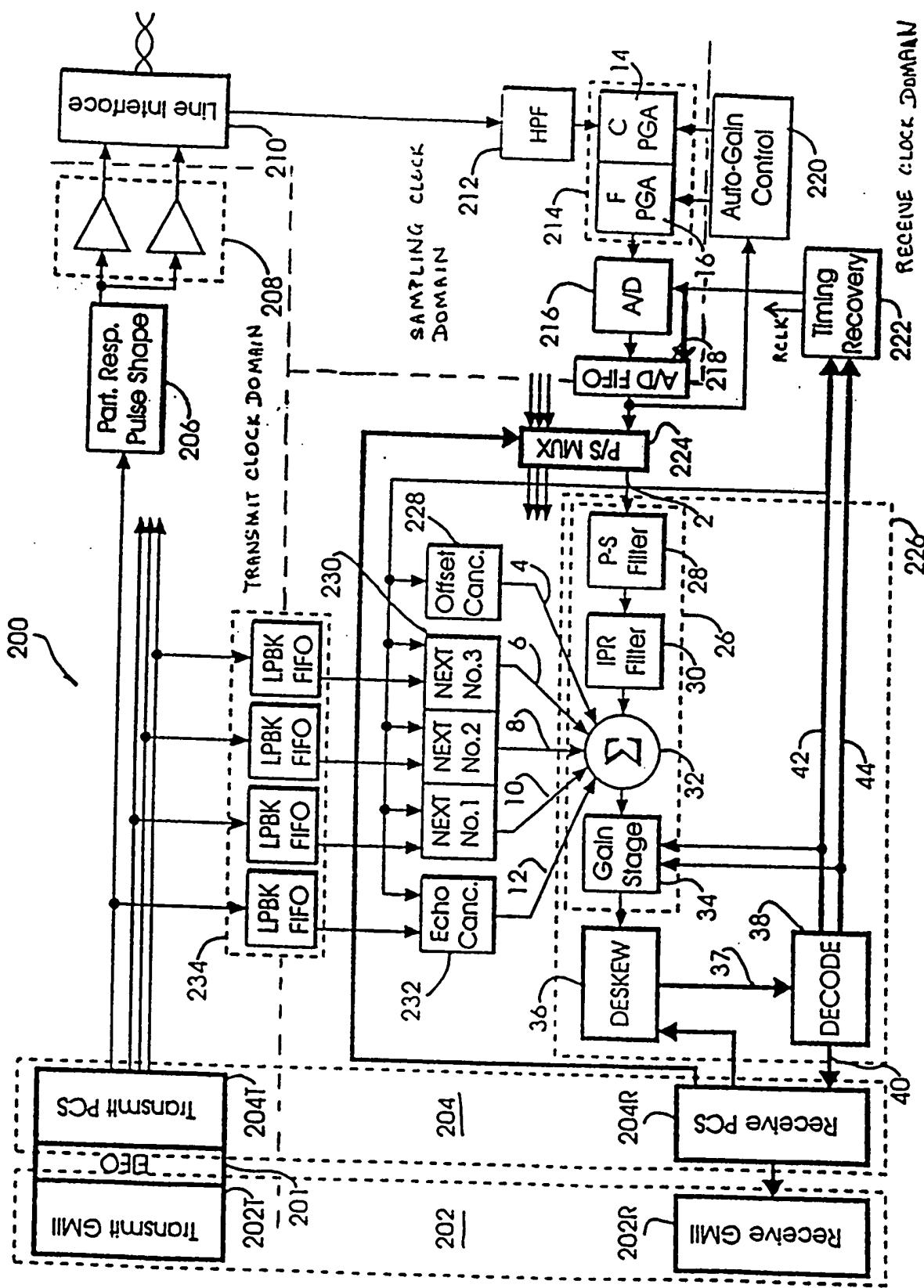


FIG. 11

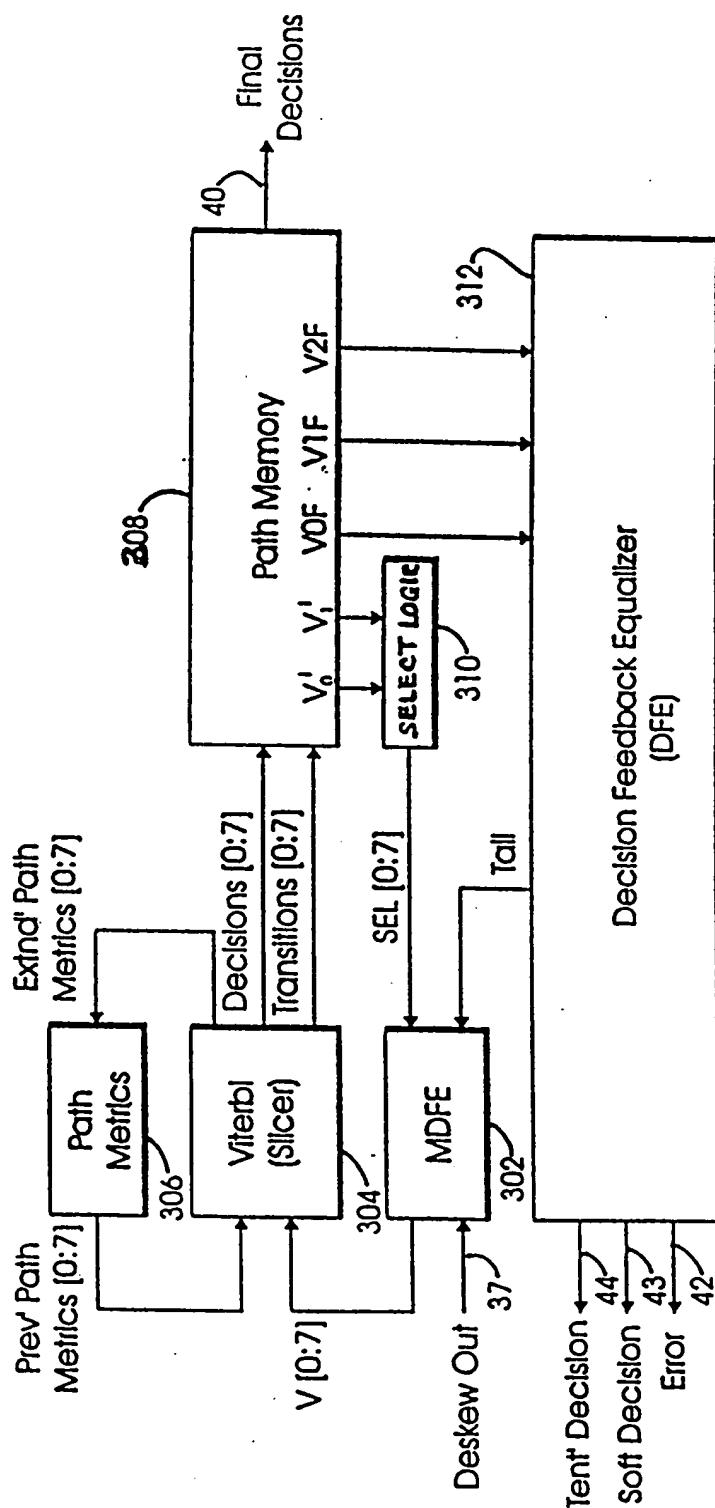


FIG. 12

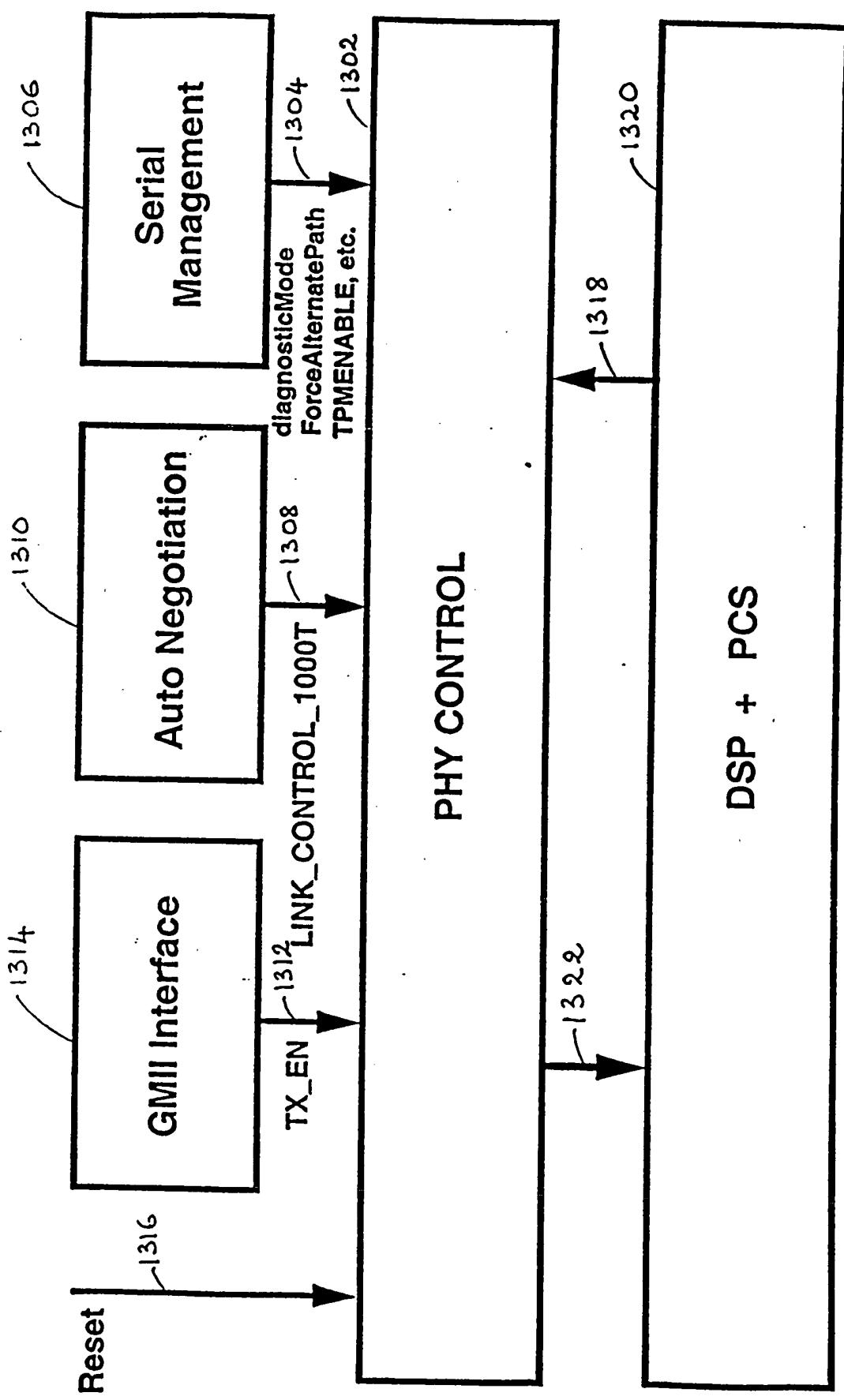


FIG. 13

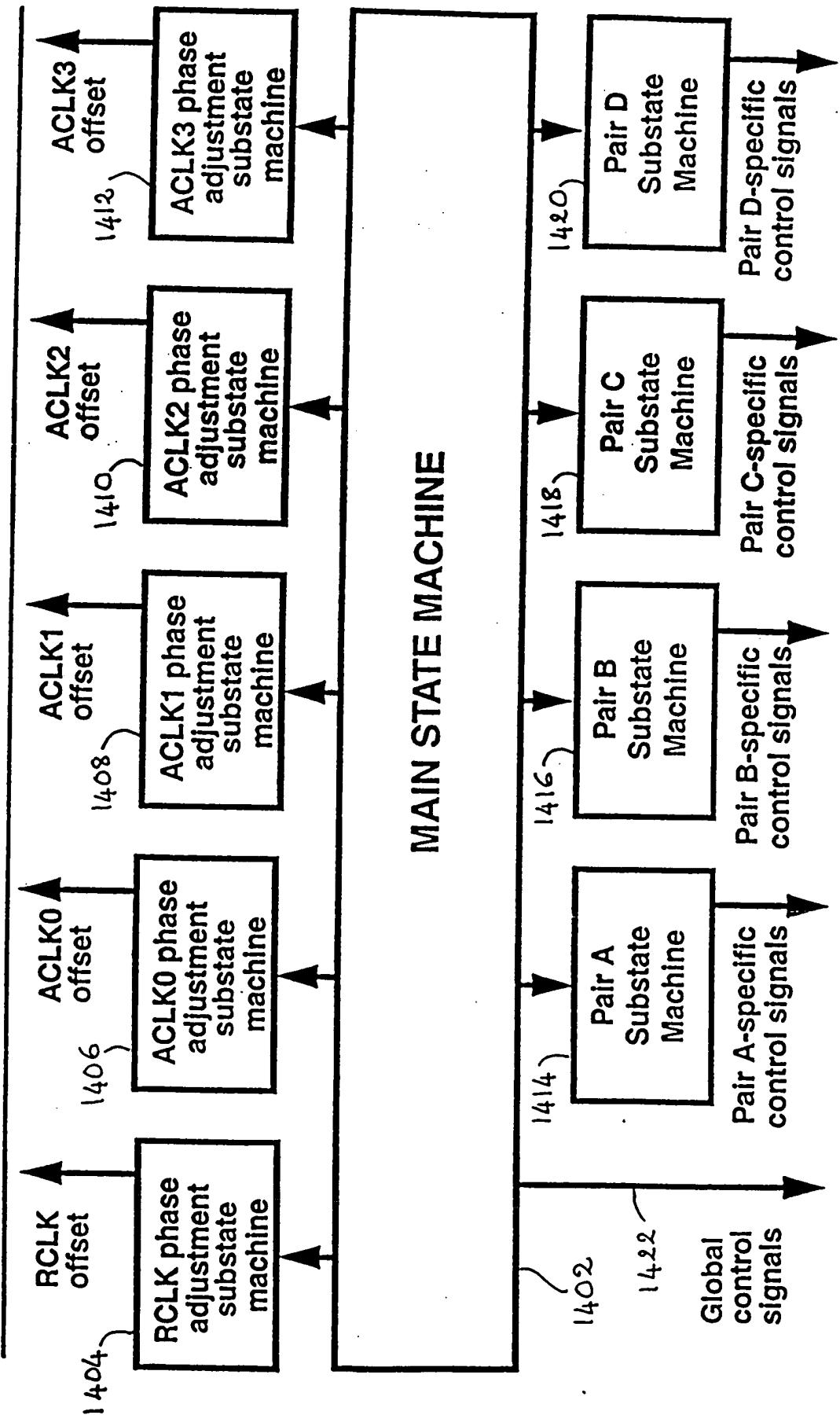


FIG. 14

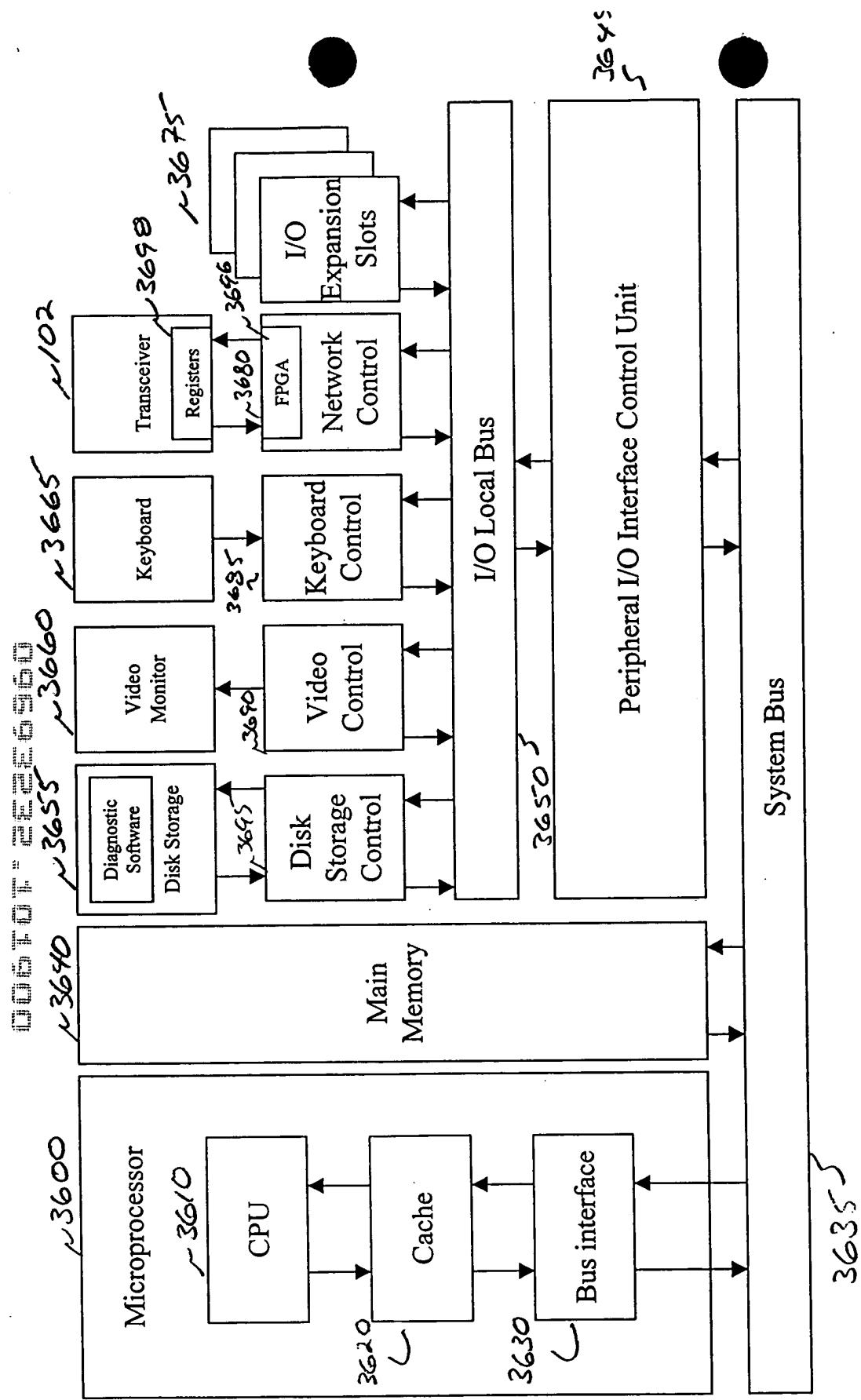


FIG. 15

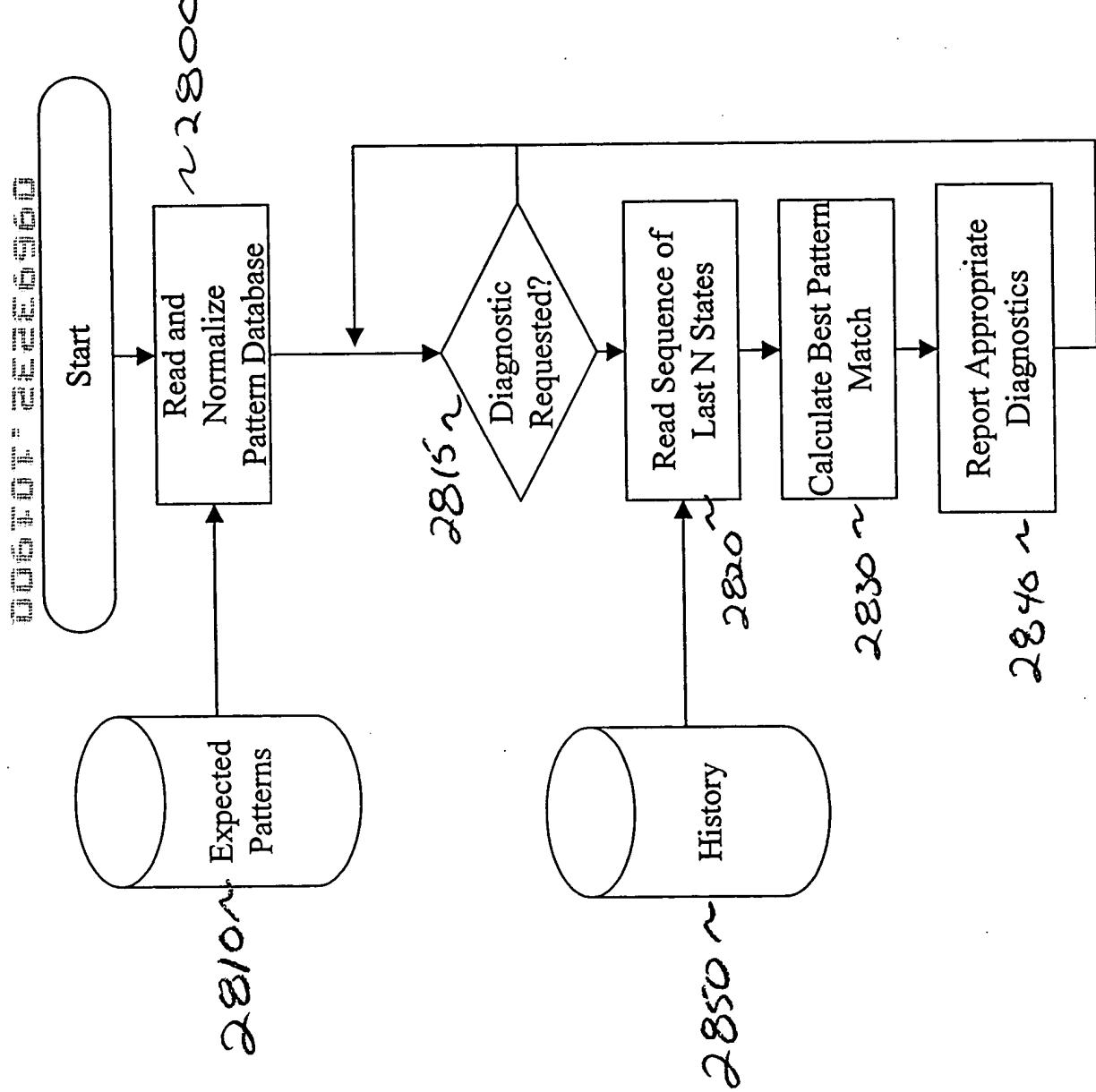


FIG. 16

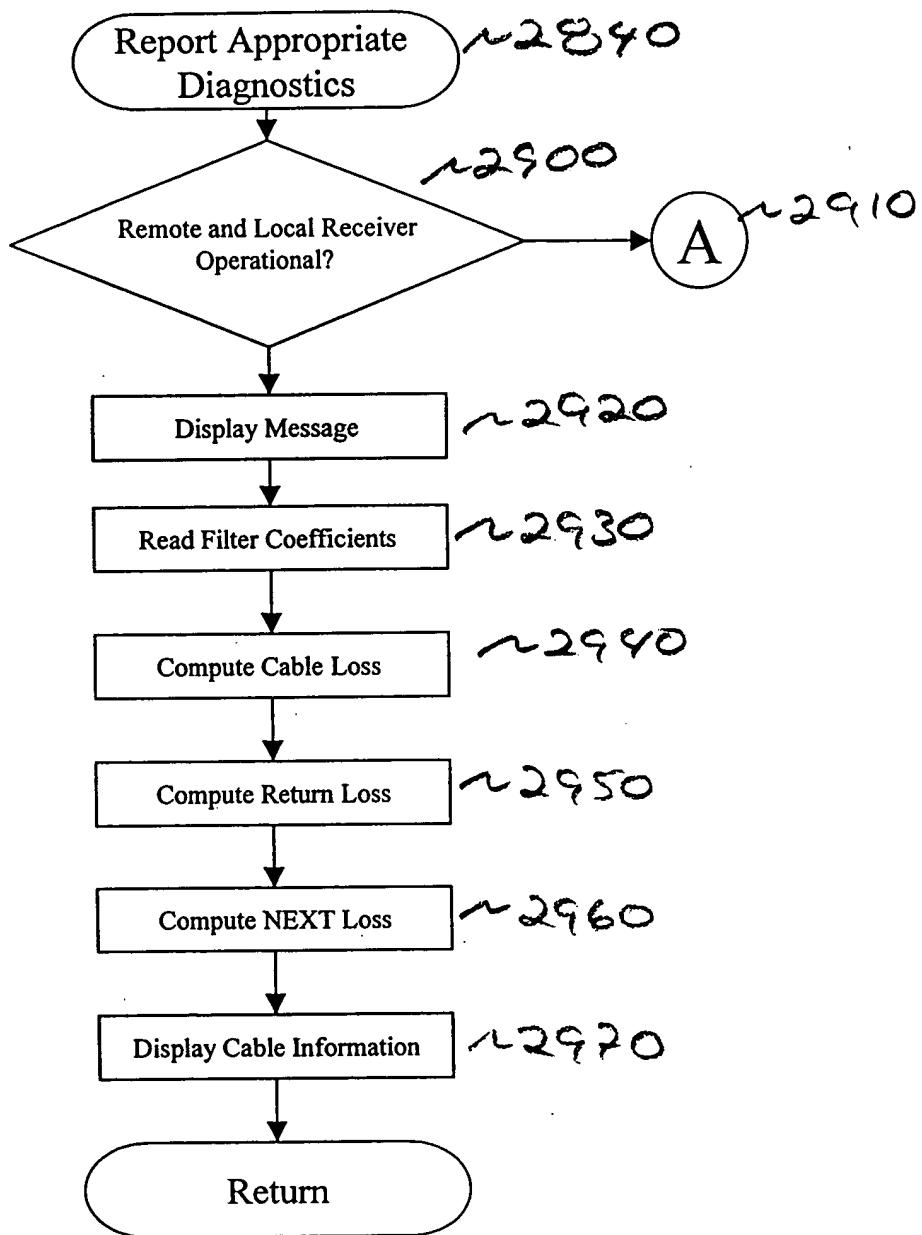


FIG. 17

00000000000000000000000000000000

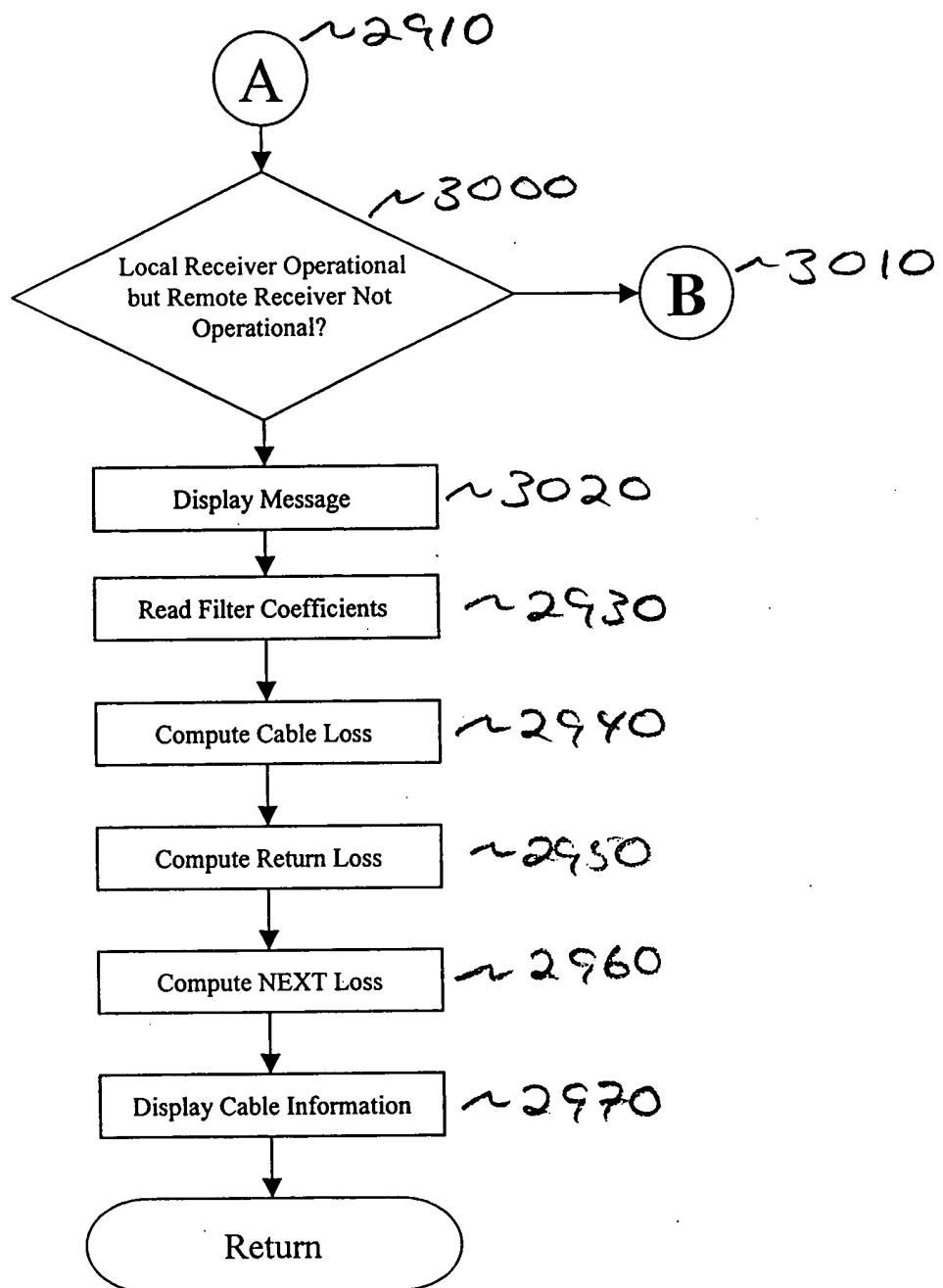


FIG. 18

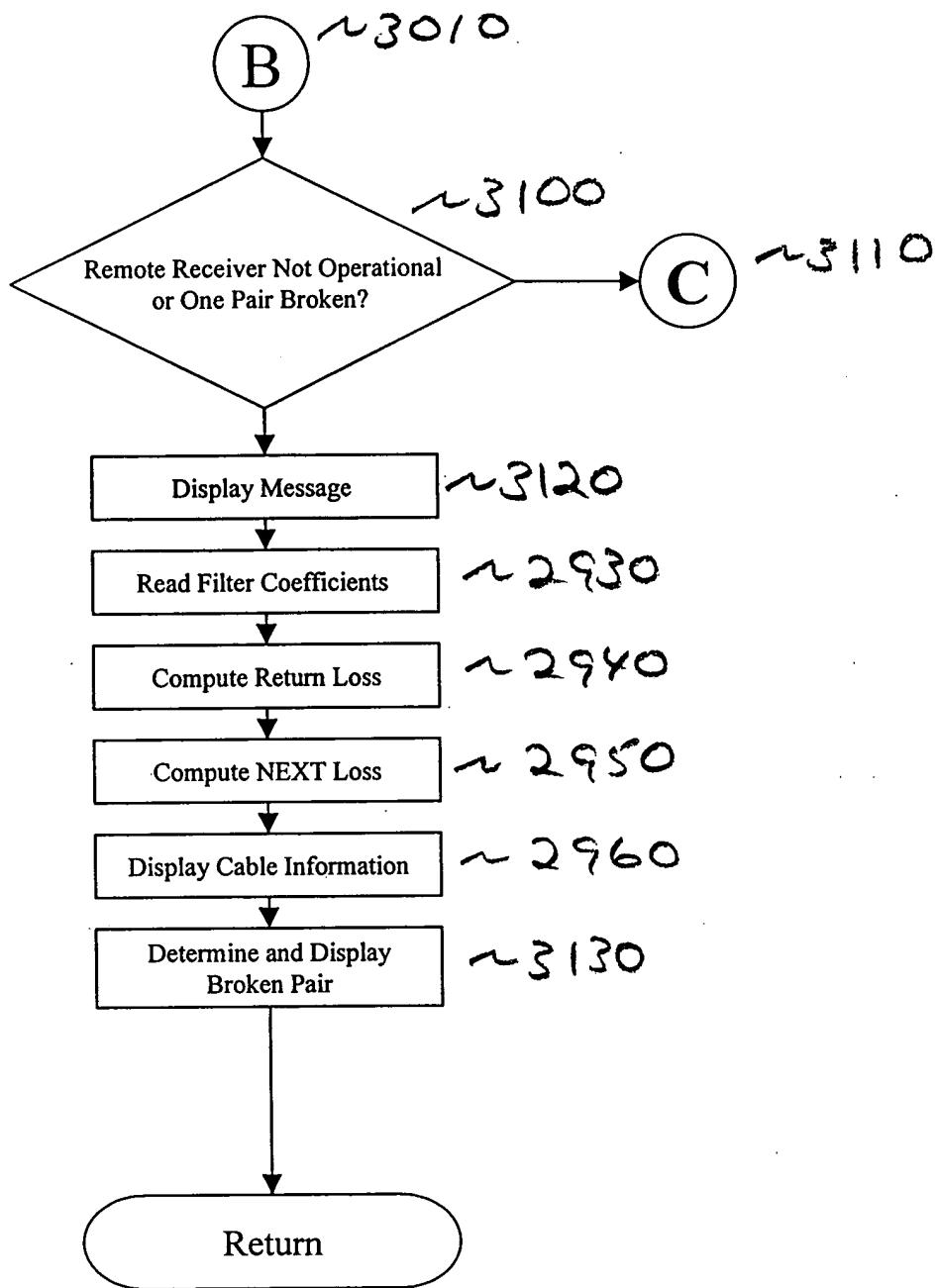


FIG. 19

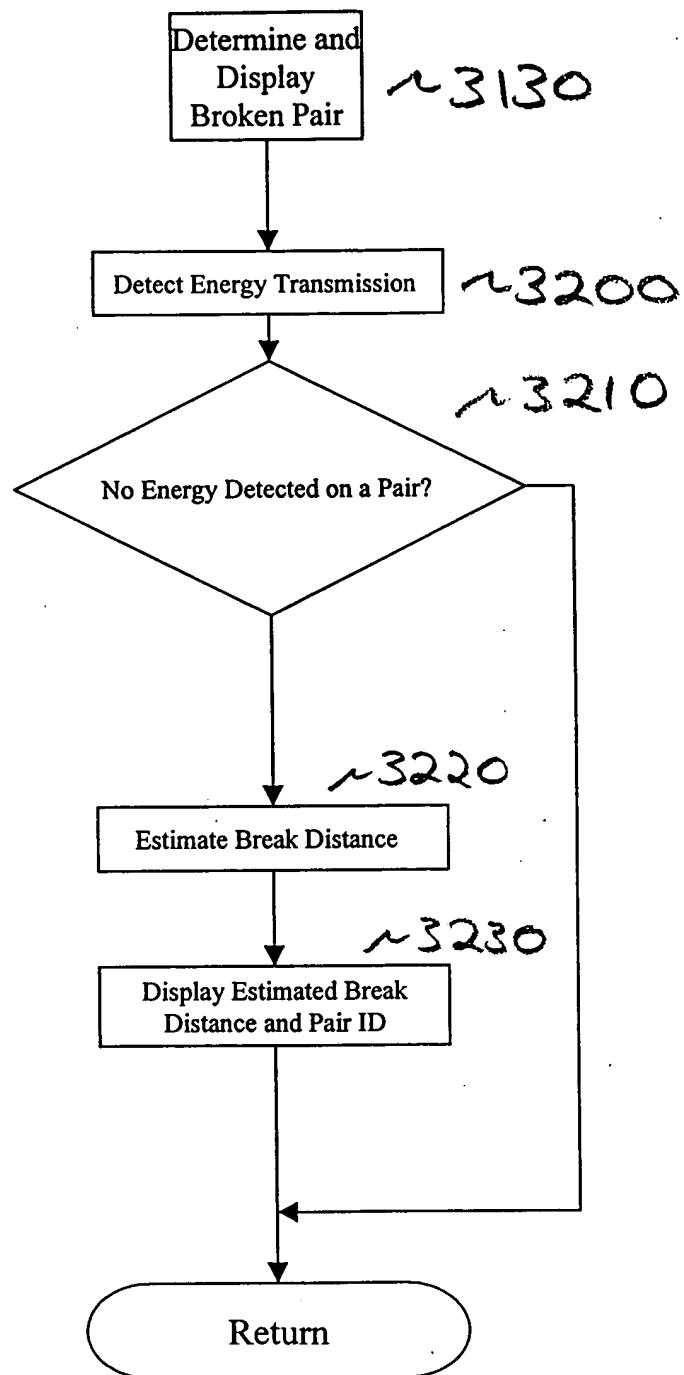


FIG. 20

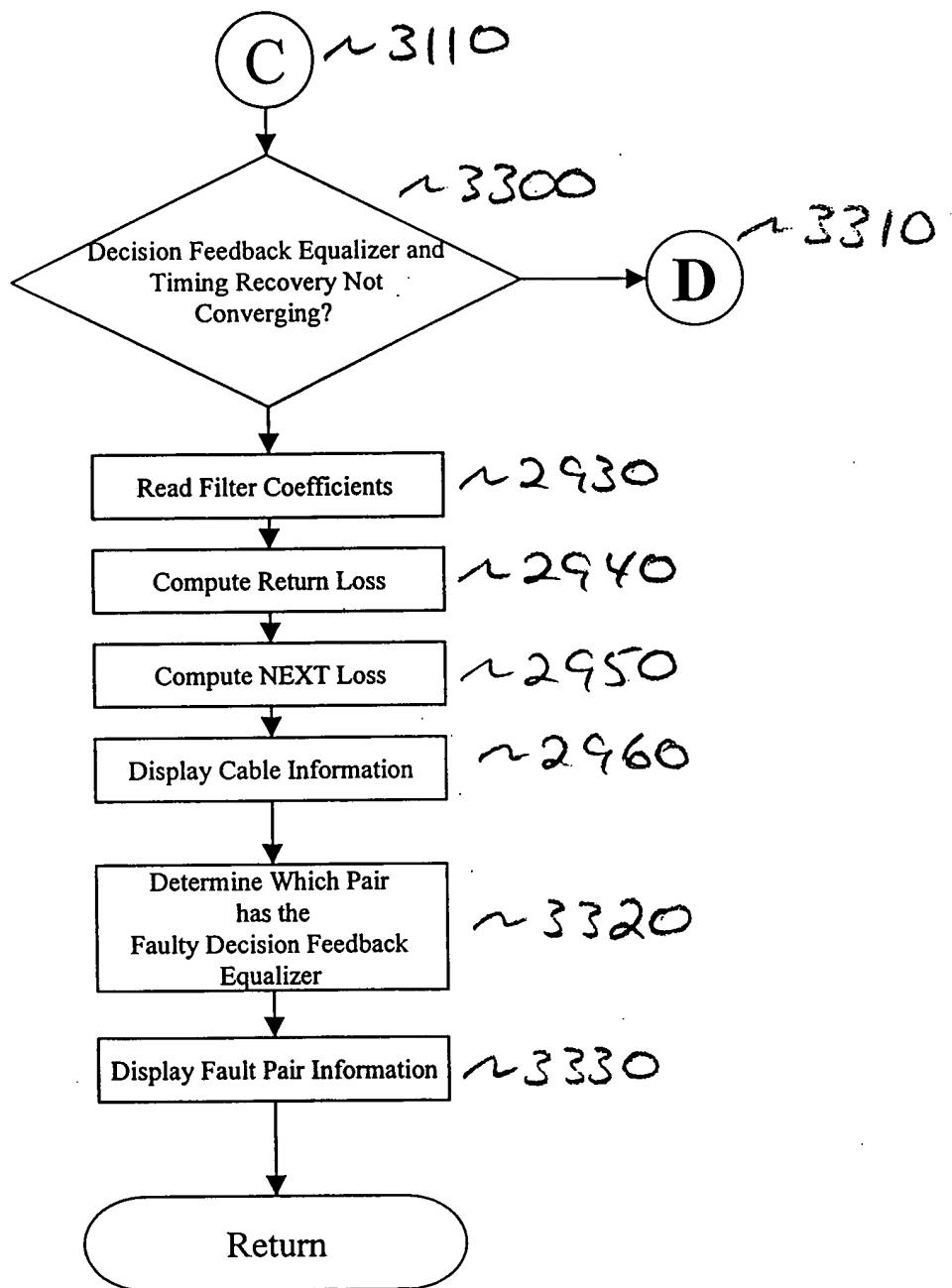


FIG. 21

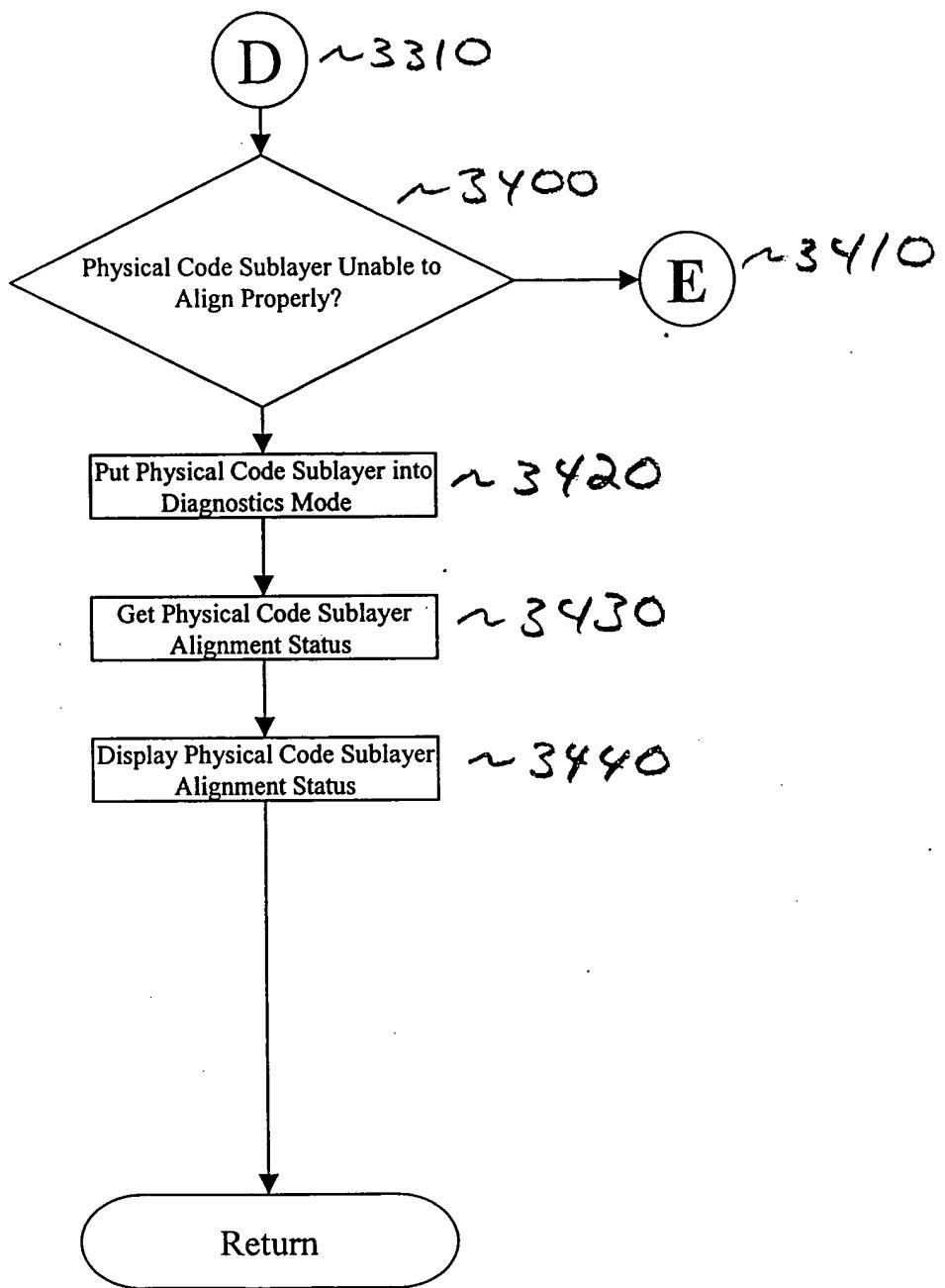


FIG. 22

00000000000000000000000000000000

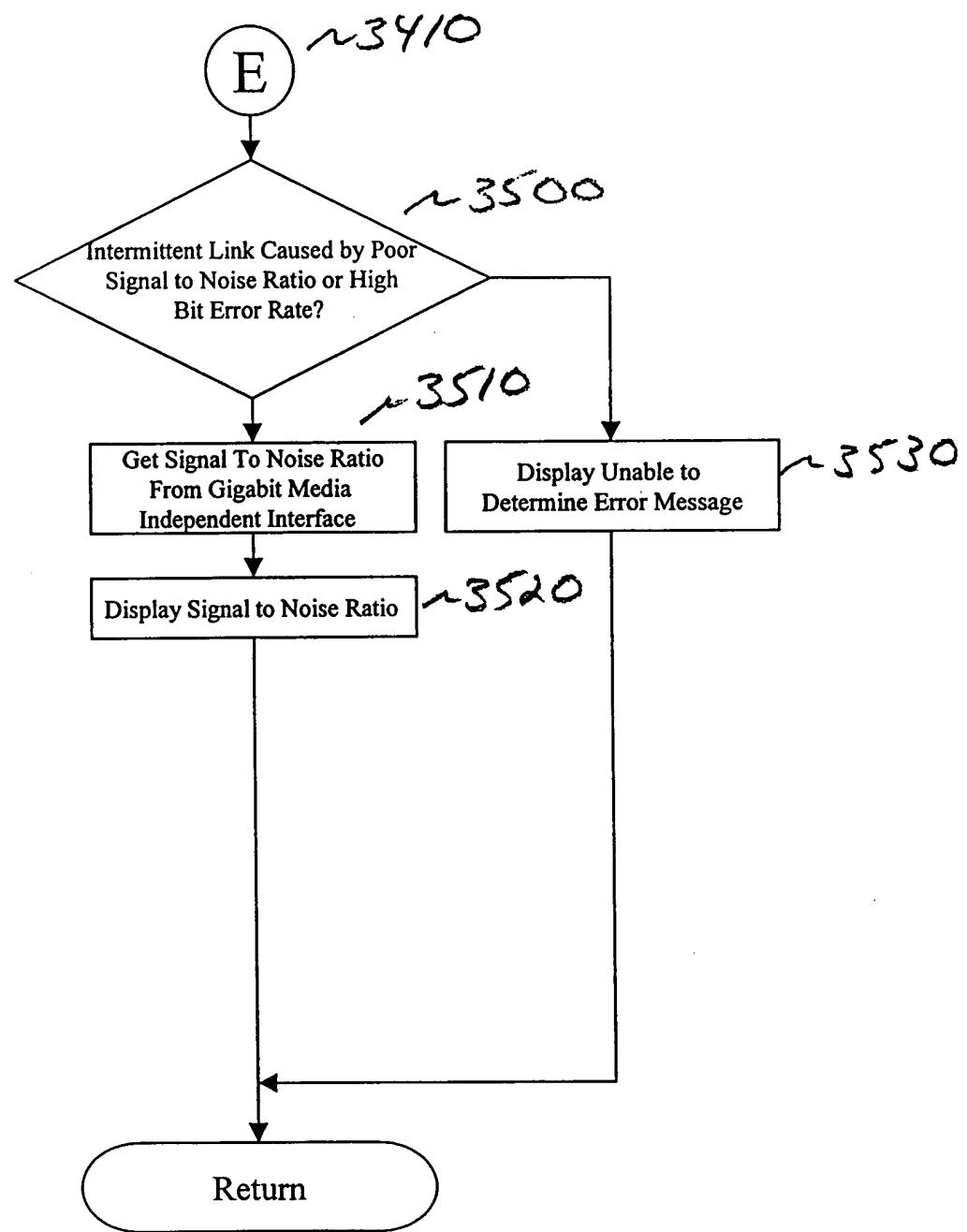


FIG. 23